

# CERTIFICATE OF ANALYSIS

(Certificate No. KME006004-01)

Release Date: 23/01/2024

Re-test Date: 22/01/2027

## Esmolol Dimer

### Identification

**Chemical Name :**

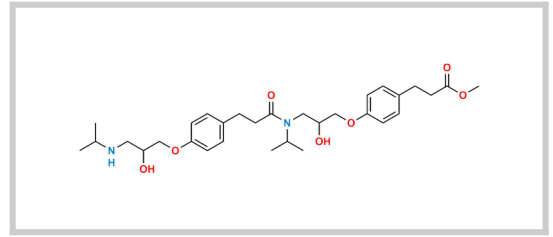
4-[2-hydroxy-3-[[3-[4-[2-hydroxy-3-[(1-methylethyl)amino]propoxy]phenyl]-1-oxopropyl](1-methylethyl)amino]propoxy]-benzenepropanoic Acid Methyl Ester

CAT No. : KME006004

CAS No. : 98903-89-0

Molecular Formula : C<sub>31</sub>H<sub>46</sub>N<sub>2</sub>O<sub>7</sub>

Molecular Weight : 558.7



### Analytical Information

Batch No. : ESM-DIMER-073-036

Description : Light Brown Thick Syrup

HPLC Purity : 98.44 %

Weight Loss By TGA : 2.54 %

% Potency : 95.94 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 2.54(Weight Loss By TGA)] x [98.44(HPLC Purity)]/100 = 95.94 %

Remarks : COA Re-generated on 01.01.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/01/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA